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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Huang *et al.* Confirmation No.: 4803  
Serial No.: 10/612,604 Art Unit: 1648  
Filed: July 1, 2003 Examiner: Stacy Brown Chen  
For: COMPOSITIONS AND METHODS Attorney Docket No.: 11068-014-999  
FOR DETERMINING THE  
REPLICATION CAPACITY OF A  
PATHOGENIC VIRUS

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants have carefully considered the non-final Office Action mailed May 11, 2005, in connection with the above-captioned patent application. Applicants kindly request reconsideration of the claims in light of the amendments and remarks that follow.

This paper includes:

**Amendments to the Claims** beginning on page 2; and  
**Remarks** beginning on page 4.

Furthermore, Applicants submit herewith a Petition for Extension of Time Under 37 C.F.R. § 1.136(a) extending the period for response by two months from August 11, 2005, to and including October 11, 2005; and an Amendment Fee Transmittal Sheet.